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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

Western Australian Office



WESTERN AUSTRALIA

INDUSTRIAL ACCIDENTS (Series A)

1968-69

NOTE. The statistics contained in this publication have been compiled from reports of workers' compensation claims closed during the year ended 30 June 1969 in respect of accidents causing death or absence from work for one day or more.

A further release, 'Industrial Accidents (Series B) 1968-69' to be issued shortly, will contain corresponding information in respect of industrial accidents causing death or absence from work for one week or more.

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F. W. SAYER

PERTH, Western Australia
2 January 1970

Deputy Commonwealth Statistician
and Government Statistician

Inquiries regarding these statistics may be made in Perth by telephoning 21 8041, Extension 241.

NOTES

The collection of information required for detailed analysis of industrial accidents occurring in Western Australia commenced on 1 July 1961. From that date all insurers and self-insurers have been required to submit a report to the Workers' Compensation Board in respect of each claim for workers' compensation as soon as the claim is closed. Only accidents coming within the scope of the Workers' Compensation Act are included in the statistics, which therefore exclude industrial accidents resulting in the death of, or injury to, self-employed persons and all Commonwealth Government employees. Compensation for employees of the Commonwealth Government is provided by the Commonwealth Employees' Compensation Act 1930-1969. As the statistics relate only to accidents, particulars of cases of industrial disease are excluded.

With few exceptions, an accident to an employee while travelling between his place of residence and place of employment was not compensable in Western Australia until 14 December 1964, when the Workers' Compensation Act Amendment Act, 1964 came into operation. From that date, the compensation provisions have been extended generally to include such cases. During the year ended 30 June 1969, 338 claims were reported closed in respect of 'journey' cases involving loss of work for one day or more. The total time lost was 1,243.4 weeks and the cost of claims amounted to \$65,098. Journey cases are not, however, included in the statistics which are intended to cover only those accidents occurring at the work site or in the course of the worker's normal duties.

For the purposes of the collection, each claim is regarded as a separate industrial accident and data are prepared from reports of claims closed during the year under review (in this instance, the year ended 30 June 1969). To facilitate comparison with the previous year, some significant totals for 1967-68 are included. The item 'Cost of Claims' appearing in some of the tables refers to total payments made (principally in the form of compensation for loss of wages, medical expenses, and lump-sum settlements) in respect of claims closed during the year, and therefore does not necessarily represent amounts actually paid in that year. Similarly 'Time Lost' refers to total time lost (i.e. from date of injury) in respect of claims closed during the year.

Classification according to industry group has been made on the basis of the 1966 Census Classification of Industries. In the tables on pages 4 to 12, the Industry Group or Sub-group is shown, in several cases, in an abbreviated form. The full title of each classification listed is as follows:

Primary production
Mining and quarrying
Manufacturing -
 Manufacture relating to cement, bricks, glass and stone
 Founding, engineering and metalworking
 Manufacture, assembly and repair of ships, vehicles, parts and accessories
 Manufacture of food, drink and tobacco
 Sawmilling and manufacture of wood products (other than furniture)
 Other manufacturing
 Electricity, gas, water and sanitary services (production, supply and maintenance)
 Building and construction
 Transport, storage and communication
 Finance and property
 Commerce
 Public authority (n.e.i.) and defence services, community and business services (including professional)
 Amusement, hotels and other accommodation, cafes, personal service, etc.
 Other industries, and industry inadequately described or not stated.

NOTES (continued)

A more detailed description of Site of Injury than that appearing on pages 9, 10 and 13 is as follows:

Head (excluding eyes)
Eye
Neck (including vertebral column)
Trunk (excluding shoulder and vertebral column)
Arm (including shoulder and wrist)
Hand (excluding wrist; including fingers)
Leg (including hip and ankle)
Foot (including toes)
Site unspecified
Miscellaneous reactions.

The term 'Accident Factor' as used in some of the tables may be defined as 'that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident'.

The scope of this publication has been restricted to include only compensated work injuries causing death or absence from work for ONE DAY OR MORE. Consequently, some 27,500 claims involving loss of work for less than one day have been excluded from the tables. In respect of reopened claims, the additional time lost and additional costs are included in the tables but, to avoid duplication, such cases (of which there were 3,779 in 1968-69) have been excluded from the numbers of accidents shown.

More detailed statistics than those published in this bulletin are available for inspection at the Commonwealth Bureau of Census and Statistics, Perth.

The abbreviation 'n.e.i.', where it occurs in the tables, denotes 'not elsewhere included'.

ROUNDING OF FIGURES

Figures appearing in Tables 1 and 9 relating to the number of weeks lost have been rounded to the nearest whole week without making those adjustments which would be needed to make the rounded figures add to the rounded total. It is for this reason that figures do not always add to the totals shown in Tables 1 and 9.

Percentages appearing in Tables 1 to 4 have been corrected to the first place of decimals without making those adjustments which would be necessary to make the percentages so expressed add to precisely 100.

TIME LOST: ONE DAY OR MORE

No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP, TIME LOST AND COST OF CLAIMS, 1968-69

TOTAL PERSONS

Industry group or sub-group (a)	Number of accidents		Time lost (non-fatal accidents)		Cost of claims (b)			Average per non-fatal accident \$	
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non-fatal		
		Number	Proportion of total						
Primary production	3	1,338	5.1	4,007	3.0	20,136	259,442	279,578	
Mining and quarrying	6	1,555	5.9	3,475	2.2	32,623	217,582	250,205	
Total - Primary industry	9	2,893	10.9	7,482	2.6	52,759	477,024	529,783	
Manufacturing -									
Cement, bricks, etc.	1	1,011	3.8	2,011	2.0	410	128,905	129,315	
Engineering, etc.	4	3,787	14.3	6,402	1.7	29,403	401,145	430,548	
Ships, vehicles, etc.	2	1,330	5.0	2,267	1.7	21,607	125,032	146,639	
Food, drink, etc.	-	2,007	7.6	4,236	2.1	-	212,135	212,135	
Sawmilling, etc.	2	1,127	4.3	3,443	3.1	10,755	239,858	250,613	
Other manufacturing	2	1,203	4.5	2,492	2.1	4,443	176,777	181,220	
Total - Manufacturing	11	10,465	39.5	20,851	2.0	66,618	1,283,852	1,350,470	
Electricity, etc.	1	589	2.2	1,660	2.8	12,139	95,489	107,628	
Building, etc.	2	4,703	17.8	11,053	2.4	10,018	681,173	691,191	
Transport, etc.	2	2,356	8.9	5,691	2.4	4,353	323,398	327,751	
Finance and property	-	51	0.2	113	2.2	-	15,758	15,758	
Commerce	1	3,361	12.7	6,439	1.9	3,681	403,591	407,272	
Public authority (n.e.i.), etc.	1	1,209	4.6	3,959	3.3	292	217,897	218,189	
Amusement, etc.	1	846	3.2	2,319	2.7	7,990	136,245	144,235	
Other	-	2	0.0	7	3.3	-	368	368	
Total - Other industries	8	13,117	49.5	31,242	2.4	38,473	1,873,919	1,912,392	
GRAND TOTAL: 1968-69	28	26,475	100.0	59,575	2.3	157,850	3,634,795	3,792,645	
1967-68	18	25,876	100.0	62,444	2.4	80,027	3,596,042	3,676,069	

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

MALES

Industry group or sub-group (a)	Number of accidents		Time lost (non-fatal accidents)		Cost of claims (b)			Average per non-fatal accident \$	
	Fatal	Non-fatal	Total	Average per accident	Fatal	Non-fatal	Total		
		Number							
Primary production	3	1,312	5.4	3,866	2.9	20,136	251,542	271,678	
Mining and quarrying	6	1,553	6.4	3,473	2.2	32,623	217,509	250,132	
Total - Primary industry	9	2,865	11.9	7,339	2.6	52,759	469,051	521,810	
Manufacturing -									
Cement, bricks, etc.	1	982	4.1	1,976	2.0	410	127,691	128,101	
Engineering, etc.	4	3,702	15.3	6,207	1.7	29,403	391,764	421,167	
Ships, vehicles, etc.	2	1,320	5.5	2,239	1.7	21,607	124,209	145,816	
Food, drink, etc.	-	1,736	7.2	3,446	2.0	-	177,817	177,817	
Sawmilling, etc.	2	1,080	4.5	3,352	3.1	10,755	236,696	247,451	
Other manufacturing	2	1,022	4.2	2,161	2.1	4,443	152,216	156,659	
Total - Manufacturing	11	9,842	40.7	19,380	2.0	66,618	1,210,393	1,277,011	
Electricity, etc.	1	586	2.4	1,658	2.8	12,139	95,434	107,573	
Building, etc.	2	4,684	19.4	11,014	2.4	10,018	679,574	689,592	
Transport, etc.	1	2,307	9.5	5,557	2.4	4,133	319,256	323,389	
Finance and property	-	32	0.1	90	2.8	-	13,812	13,812	
Commerce	1	2,755	11.4	5,347	1.9	3,681	355,807	359,488	
Public authority (n.e.i.), etc.	1	628	2.6	2,107	3.4	292	128,444	128,736	
Amusement, etc.	1	462	1.9	1,299	2.8	7,990	87,275	95,265	
Other	-	2	0.0	7	3.3	-	368	368	
Total - Other industries	7	11,456	47.4	27,078	2.4	38,253	1,679,970	1,718,223	
GRAND TOTAL: 1968-69	27	24,163	100.0	53,797	2.2	157,630	3,359,414	3,517,044	
1967-68	18	23,964	100.0	57,765	2.4	80,027	3,393,477	3,473,504	

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

TIME LOST: ONE DAY OR MORE

No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP, TIME LOST AND COST OF CLAIMS, 1968-69 (continued)

FEMALES

Industry group or sub-group (a)	Number of accidents		Time lost (non-fatal accidents)		Cost of claims (b)			Average per non-fatal accident \$	
	Fatal	Non-fatal		Total	Average per accident	Fatal	Non-fatal	Total	
		Number	Proportion of total						
Primary production	-	26	1.1	142	5.4	-	7,900	7,900	304
Mining and quarrying	-	2	0.1	2	0.8	-	73	73	37
Total - Primary industry	-	28	1.2	143	5.1	-	7,973	7,973	285
Manufacturing -									
Cement, bricks, etc.	-	29	1.3	36	1.2	-	1,214	1,214	42
Engineering, etc.	-	85	3.7	195	2.3	-	9,381	9,381	110
Ships, vehicles, etc.	-	10	0.4	28	2.8	-	823	823	82
Food, drink, etc.	-	271	11.7	790	2.9	-	34,318	34,318	127
Sawmilling, etc.	-	47	2.0	91	1.9	-	3,162	3,162	67
Other manufacturing	-	181	7.8	331	1.8	-	24,561	24,561	136
Total - Manufacturing	-	623	26.9	1,471	2.4	-	73,459	73,459	118
Electricity, etc.	-	3	0.1	2	0.7	-	55	55	18
Building, etc.	-	19	0.8	40	2.1	-	1,599	1,599	84
Transport, etc.	1	49	2.1	134	2.7	220	4,142	4,362	85
Finance and property	-	19	0.8	23	1.2	-	1,946	1,946	102
Commerce	-	606	26.2	1,092	1.8	-	47,784	47,784	79
Public authority (n.e.i.), etc.	-	581	25.1	1,852	3.2	-	89,453	89,453	154
Amusement, etc.	-	384	16.6	1,020	2.7	-	48,970	48,970	128
Other	-	-	-	-	-	-	-	-	-
Total - Other industries	1	1,661	71.8	4,164	2.5	220	193,949	194,169	117
GRAND TOTAL: 1968-69	1	2,312	100.0	5,778	2.5	220	275,381	275,601	119
1967-68	-	1,912	100.0	4,679	2.4	-	202,565	202,565	106

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2. (b) Principally compensation for wages lost, medical expenses and lump-sum settlements.

No. 2 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP AND ACCIDENT FACTOR (a), 1968-69

MALES

F denotes Fatal Accidents; N F denotes Non-fatal Accidents.

Industry group or sub-group (b)	Machinery		Vehicles		Electricity, explosions, etc.		Harmful substances		Falling, slipping, stumbling, etc.		Striking against, stepping on, etc.		Handling, moving or falling objects		Hand tools		Other and unspecified		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary production	1	158	1	102	-	34	-	7	-	178	-	80	-	365	-	139	1	249	3	1,312
Mining and quarrying	2	102	2	112	-	28	-	34	1	311	-	52	1	644	-	181	-	89	6	1,553
Total - Primary industry	3	260	3	214	-	62	-	41	1	489	-	132	1	1,009	-	320	1	338	9	2,865
Manufacturing -																				
Cement, bricks, etc.	-	74	-	29	-	11	-	12	-	169	-	66	1	487	-	76	-	58	1	982
Engineering, etc.	-	649	2	42	-	116	-	70	1	344	-	201	1	1,332	-	630	-	318	4	3,702
Ships, vehicles, etc.	-	184	-	37	-	32	-	13	1	170	-	72	1	384	-	314	-	114	2	1,320
Food, drink, etc.	-	83	-	31	-	155	-	17	-	303	-	117	-	629	-	299	-	102	-	1,736
Sawmilling, etc.	-	186	1	37	-	8	-	6	-	126	-	45	1	544	-	90	-	38	2	1,080
Other manufacturing	1	203	-	27	-	20	-	27	-	150	-	58	1	387	-	103	-	47	2	1,022
Total - Manufacturing	1	1,379	3	203	-	342	-	145	2	1,262	-	559	5	3,763	-	1,512	-	677	11	9,842
Electricity, etc.	-	28	-	26	1	13	-	14	-	135	-	34	-	231	-	69	-	36	1	586
Building, etc.	-	217	1	240	-	80	-	71	-	907	-	355	1	1,875	-	629	-	310	2	4,684
Transport, etc.	-	68	-	205	-	27	-	18	1	628	-	134	-	963	-	109	-	155	1	2,307
Finance and property	-	1	-	5	-	-	-	-	-	13	-	1	-	6	-	3	-	3	-	32
Commerce	-	158	-	150	-	49	-	22	-	504	-	184	-	1,086	-	443	1	159	1	2,755
Public authority (n.e.i.), etc.	-	23	-	25	-	17	-	10	1	187	-	44	-	215	-	46	-	61	1	628
Amusement, etc.	-	13	-	17	-	25	-	8	1	99	-	29	-	155	-	42	-	74	1	462
Other	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	2
Total - Other industries	-	508	1	668	1	211	-	143	3	2,474	-	781	1	4,531	-	1,342	1	798	7	11,456
GRAND TOTAL, 1968-69: Number	4	2,147	7	1,085	1	615	-	329	6	4,225	-	1,472	7	9,303	-	3,174	2	1,813	27	24,163
Per cent		8.9		4.5		2.6		1.4		17.5		6.1		38.5		13.1		7.5		100.0
1967-68: Number	2	1,203	10	558	1	685	-	200	3	3,887	-	1,714	2	10,644	-	2,279	-	2,794	18	23,964
Per cent		5.0		2.3		2.9		0.8		16.2		7.2		44.4		9.5		11.7		100.0

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 2 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP AND ACCIDENT FACTOR (a), 1968-69 (continued)

FEMALES

F denotes Fatal Accidents; N F denotes Non-fatal Accidents.

Industry group or sub-group (b)	Machinery	Vehicles		Electricity, explosions, etc.		Harmful substances		Falling, slipping, stumbling, etc.		Striking against, stepping on, etc.		Handling, moving or falling objects		Hand tools		Other and unspecified		Total		
		F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	
Primary production	-	-	-	1	-	4	-	-	-	9	-	2	-	5	-	3	-	2	-	26
Mining and quarrying	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	2
Total - Primary industry	-	-	-	1	-	4	-	-	-	10	-	3	-	5	-	3	-	2	-	28
Manufacturing -																				
Cement, bricks, etc.	-	4	-	-	-	-	-	1	-	5	-	1	-	15	-	1	-	2	-	29
Engineering, etc.	-	18	-	-	-	1	-	3	-	12	-	12	-	25	-	11	-	3	-	85
Ships, vehicles, etc.	-	1	-	1	-	-	-	-	-	2	-	-	-	3	-	2	-	1	-	10
Food, drink, etc.	-	24	-	5	-	9	-	1	-	77	-	18	-	102	-	21	-	14	-	271
Sawmilling, etc.	-	6	-	-	-	-	-	-	-	7	-	3	-	24	-	1	-	6	-	47
Other manufacturing	-	32	-	6	-	2	-	5	-	31	-	15	-	50	-	28	-	12	-	181
Total - Manufacturing	-	85	-	12	-	12	-	10	-	134	-	49	-	219	-	64	-	38	-	623
Electricity, etc.	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	3
Building, etc.	-	1	-	-	-	2	-	-	-	9	-	-	-	6	-	-	-	1	-	19
Transport, etc.	-	-	1	16	-	1	-	-	-	16	-	3	-	9	-	1	-	3	1	49
Finance and property	-	-	-	1	-	-	-	-	-	10	-	-	-	5	-	1	-	2	-	19
Commerce	-	28	-	10	-	24	-	7	-	193	-	63	-	206	-	33	-	42	-	606
Public authority (n.e.i.), etc.	-	11	-	10	-	28	-	7	-	197	-	33	-	227	-	21	-	47	-	581
Amusement, etc.	-	15	-	2	-	33	-	7	-	148	-	37	-	99	-	24	-	19	-	384
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	-	55	1	39	-	88	-	21	-	575	-	137	-	552	-	80	-	114	1	1,661
GRAND TOTAL, 1968-69: Number	-	140	1	52	-	104	-	31	-	719	-	189	-	776	-	147	-	154	1	2,312
Per cent	6.1		2.3		4.5		1.3		31.1		8.2		33.6		6.4		6.7		100.0	
1967-68: Number	-	86	-	35	-	115	-	11	-	537	-	169	-	680	-	127	-	152	-	1,912
Per cent	4.5		1.8		6.0		0.6		28.1		8.8		35.6		6.6		8.0		100.0	

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY (a), 1968-69

MALES

Industry group or sub-group (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site unspecified	Mis-cellaneous	Total
Primary production	60	78	21	257	168	319	290	105	1	13	1,312
Mining and quarrying	79	162	27	347	168	327	286	142	1	14	1,553
Total - Primary industry	139	240	48	604	336	646	576	247	2	27	2,865
Manufacturing -											
Cement, bricks, etc.	29	99	11	237	151	204	134	115	-	2	982
Engineering, etc.	123	941	43	642	310	818	383	398	1	43	3,702
Ships, vehicles, etc.	48	407	16	240	90	288	117	107	-	7	1,320
Food, drink, etc.	52	62	26	379	268	633	186	122	-	8	1,736
Sawmilling, etc.	32	61	11	206	85	381	171	130	1	2	1,080
Other manufacturing	38	83	16	255	105	304	117	97	-	7	1,022
Total - Manufacturing	322	1,653	123	1,959	1,009	2,628	1,108	969	2	69	9,842
Electricity, etc.	19	68	7	176	55	95	96	57	-	13	586
Building, etc.	184	589	69	1,132	404	906	809	540	7	44	4,684
Transport, etc.	89	168	64	676	240	340	472	240	6	12	2,307
Finance and property	1	2	1	10	2	5	7	3	-	1	32
Commerce	101	214	53	664	294	730	414	265	3	17	2,755
Public authority (n.e.i.), etc.	34	47	10	191	52	106	121	54	2	11	628
Amusement, etc.	14	28	8	113	47	104	90	50	1	7	462
Other	-	-	-	-	1	1	-	-	-	-	2
Total - Other industries	442	1,116	212	2,962	1,095	2,287	2,009	1,209	19	105	11,456
GRAND TOTAL, 1968-69: Number	903	3,009	383	5,525	2,440	5,561	3,693	2,425	23	201	24,163
Per cent	3.7	12.5	1.6	22.9	10.1	23.0	15.3	10.0	0.1	0.8	100.0
1967-68: Number	889	2,885	305	5,596	2,484	5,545	3,671	2,336	78	175	23,964
Per cent	3.7	12.0	1.3	23.4	10.4	23.1	15.3	9.7	0.3	0.7	100.0

(a) For a more detailed description of Site of Injury, see page 3. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

TIME LOST: ONE DAY OR MORE

No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY (a), 1968-69 (continued)

FEMALES

Industry group or sub-group (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site unspeci- fied	Mis- cell- aneous	Total
Primary production	1	-	-	3	3	9	8	2	-	-	26
Mining and quarrying	-	-	-	-	-	1	1	-	-	-	2
Total - Primary industry	1	-	-	3	3	10	9	2	-	-	28
Manufacturing -											
Cement, bricks, etc.	-	3	-	8	7	4	2	5	-	-	29
Engineering, etc.	3	12	-	19	5	31	6	9	-	-	85
Ships, vehicles, etc.	-	-	-	2	2	3	1	1	-	1	10
Food, drink, etc.	8	3	4	49	42	95	47	21	1	1	271
Sawmilling, etc.	-	5	-	10	5	16	4	6	-	1	47
Other manufacturing	8	8	2	21	27	79	21	11	1	3	181
Total - Manufacturing	19	31	6	109	88	228	81	53	2	6	623
Electricity, etc.	-	-	1	-	-	-	2	-	-	-	3
Building, etc.	-	1	-	4	4	1	7	1	-	1	19
Transport, etc.	5	1	2	13	6	5	16	1	-	-	49
Finance and property	3	-	-	1	2	2	7	4	-	-	19
Commerce	24	11	16	125	72	145	141	65	2	5	606
Public authority (n.e.i.), etc.	27	4	16	193	84	94	114	42	-	7	581
Amusement, etc.	19	7	5	76	44	106	91	32	-	4	384
Other	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	78	24	40	412	212	353	378	145	2	17	1,661
GRAND TOTAL,											
1968-69: Number	98	55	46	524	303	591	468	200	4	23	2,312
Per cent	4.2	2.4	2.0	22.7	13.1	25.6	20.2	8.7	0.2	1.0	100.0
1967-68: Number	93	32	29	441	258	506	357	172	8	16	1,912
Per cent	4.9	1.7	1.5	23.1	13.5	26.4	18.7	9.0	0.4	0.8	100.0

(a) For a more detailed description of Site of Injury, see page 3. (b) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1968-69

MALES

Industry group or sub-group (a)	Con- tusion, bruis- ing, and super- ficial	Lacera- tions	Foreign bodies	Burns and scalds	Frac- tures	Dis- loca- tions	Sprains, strains, hernias	Am- puta- tions	Con- cuss- ion	Other	Total
Primary production	250	407	52	47	125	19	347	15	14	36	1,312
Mining and quarrying	449	344	117	68	105	10	414	7	10	29	1,553
Total - Primary industry	699	751	169	115	230	29	761	22	24	65	2,865
Manufacturing -											
Cement, bricks, etc.	244	215	76	28	51	5	349	3	3	8	982
Engineering, etc.	689	776	746	360	169	19	838	15	15	75	3,702
Ships, vehicles, etc.	217	256	317	122	56	8	315	5	7	17	1,320
Food, drink, etc.	326	671	43	56	64	10	535	6	5	20	1,736
Sawmilling, etc.	290	327	45	14	92	6	273	18	8	7	1,080
Other manufacturing	204	290	56	53	45	7	331	13	8	15	1,022
Total - Manufacturing	1,970	2,535	1,283	633	477	55	2,641	60	46	142	9,842
Electricity, etc.	125	102	52	24	22	2	232	3	7	17	586
Building, etc.	1,031	1,067	453	214	275	28	1,470	27	37	82	4,684
Transport, etc.	578	373	138	49	149	15	955	7	17	26	2,307
Finance and property	7	5	1	1	4	1	11	-	1	1	32
Commerce	574	797	159	90	151	19	897	10	21	37	2,755
Public authority (n.e.i.), etc.	122	116	29	32	33	5	260	1	10	20	628
Amusement, etc.	74	106	18	29	35	6	169	5	5	15	462
Other	1	-	-	-	-	-	-	1	-	-	2
Total - Other industries	2,512	2,566	850	439	669	76	3,994	54	98	198	11,456
GRAND TOTAL, 1968-69: Number	5,181	5,852	2,302	1,187	1,376	160	7,396	136	168	405	24,163
Per cent	21.4	24.2	9.5	4.9	5.7	0.7	30.6	0.6	0.7	1.7	100.0
1967-68: Number	5,186	6,082	2,196	1,117	1,346	111	7,259	114	201	352	23,964
Per cent	21.6	25.4	9.2	4.7	5.6	0.5	30.3	0.5	0.8	1.5	100.0

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1968-69 (continued)

FEMALES

Industry group or sub-group (a)	Con-tusion, bruis-ing, and super-ficial	Lac-er-a-tions	For-eign bod-ies	Burns and scalds	Frac-tures	Dis-loca-tions	Sprains, strains, hernias	Amputa-tions	Concus-sion	Other	Total
Primary production	5	8	-	3	3	-	6	-	-	1	26
Mining and quarrying	2	-	-	-	-	-	-	-	-	-	2
Total - Primary industry	7	8	-	3	3	-	6	-	-	1	28
Manufacturing -											
Cement, bricks, etc.	13	2	3	-	1	-	10	-	-	-	29
Engineering, etc.	14	26	7	10	4	1	21	2	-	-	85
Ships, vehicles, etc.	2	3	-	2	-	-	1	-	-	2	10
Food, drink, etc.	76	71	1	8	5	1	97	3	3	6	271
Sawmilling, etc.	13	11	5	-	3	-	14	-	-	1	47
Other manufacturing	43	56	6	5	4	1	53	3	4	6	181
Total - Manufacturing	161	169	22	25	17	3	196	8	7	15	623
Electricity, etc.	1	-	-	-	-	-	2	-	-	-	3
Building, etc.	4	2	1	2	1	1	7	-	-	1	19
Transport, etc.	18	4	-	1	1	-	23	-	1	1	49
Finance and property	7	4	-	-	1	-	6	-	1	-	19
Commerce	160	144	9	28	21	11	210	1	11	11	606
Public authority (n.e.i.), etc.	125	71	2	34	41	4	283	-	11	10	581
Amusement, etc.	77	104	1	42	20	4	125	1	5	5	384
Other	-	-	-	-	-	-	-	-	-	-	-
Total - Other industries	392	329	13	107	85	20	656	2	29	28	1,661
GRAND TOTAL, 1968-69: Number	560	506	35	135	105	23	858	10	36	44	2,312
Per cent	24.2	21.9	1.5	5.8	4.5	1.0	37.1	0.4	1.6	1.9	100.0
1967-68: Number	501	481	19	123	75	9	631	5	26	42	1,912
Per cent	26.2	25.2	1.0	6.4	3.9	0.5	33.0	0.3	1.4	2.2	100.0

(a) For detailed description of the Industry Groups and Sub-groups listed, see page 2.

TIME LOST: ONE DAY OR MORE

No. 5 - NON-FATAL ACCIDENTS: SITE OF INJURY AND ACCIDENT FACTOR (a), 1968-68

Site of injury (b)	Machin- ery	Veh- icles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stum- bling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Head	59	138	45	10	148	115	258	77	53	903	1.9
Eye	614	39	46	146	6	20	123	981	1,034	3,009	0.7
Neck	5	40	6	1	97	12	183	18	21	383	4.2
Trunk	85	224	24	8	1,225	91	3,610	147	111	5,525	2.9
Arm	149	146	112	10	532	189	937	255	110	2,440	2.5
Hand	993	188	181	38	236	342	2,089	1,301	193	5,561	1.9
Leg	130	209	75	19	1,686	309	851	260	154	3,693	2.8
Foot	110	91	98	14	289	392	1,247	133	51	2,425	2.0
Site unspecified	1	8	1	1	6	-	2	-	4	23	8.9
Miscellaneous reactions	1	2	27	82	-	2	3	2	82	201	1.2
Total	2,147	1,085	615	329	4,225	1,472	9,303	3,174	1,813	24,163	-
Average time lost	2.4	3.4	2.0	1.2	2.8	1.4	2.4	1.4	1.4	-	2.2
FEMALES											
Head	2	16	3	3	32	16	14	1	11	98	1.2
Eye	7	-	2	11	1	-	6	7	21	55	0.7
Neck	-	1	-	-	17	3	20	-	5	46	2.2
Trunk	4	6	4	2	168	8	313	4	15	524	3.4
Arm	10	10	20	-	109	22	118	5	9	303	2.8
Hand	108	4	40	6	38	52	173	123	47	591	1.9
Leg	3	11	18	2	304	52	55	3	20	468	3.0
Foot	5	4	13	2	50	36	77	3	10	200	1.7
Site unspecified	1	-	1	-	-	-	-	1	1	4	0.5
Miscellaneous reactions	-	-	3	5	-	-	-	-	15	23	0.9
Total	140	52	104	31	719	189	776	147	154	2,312	-
Average time lost	2.5	1.4	1.7	0.8	2.9	2.1	2.8	1.5	1.9	-	2.5

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For a more detailed description of Site of Injury, see page 3.

TIME LOST: ONE DAY OR MORE

No. 6 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND ACCIDENT FACTOR (a), 1968-69

Nature of injury	Machin- ery	Veh- icles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stum- bling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Contusion (b)	373	379	8	16	1,139	493	2,126	419	228	5,181	1.6
Lacerations	817	225	131	4	393	819	1,966	1,292	205	5,852	1.7
Foreign bodies	531	26	14	45	-	1	25	660	1,000	2,302	0.6
Burns and scalds	86	30	418	170	15	4	9	424	31	1,187	1.4
Fractures	117	149	11	1	361	46	544	79	68	1,376	6.1
Dislocations	8	9	-	-	67	3	57	3	13	160	7.0
Sprains (c)	117	190	3	-	2,165	72	4,454	254	141	7,396	2.7
Amputations	73	14	-	-	6	1	29	13	-	136	9.4
Concussion	7	38	2	-	44	26	43	4	4	168	1.9
Enucleation	1	-	1	-	-	-	2	2	-	6	10.3
Internal injury	1	3	-	-	4	-	5	1	2	16	9.4
Nerve injury	-	-	-	2	3	2	6	-	2	15	7.6
Other (d)	16	22	27	91	28	5	37	23	119	368	2.8
Total	2,147	1,085	615	329	4,225	1,472	9,303	3,174	1,813	24,163	2.2
FEMALES											
Contusion (b)	28	22	-	2	250	76	131	7	44	560	1.6
Lacerations	74	9	11	-	40	76	149	119	28	506	1.7
Foreign bodies	7	-	1	2	-	-	1	6	18	35	0.5
Burns and scalds	6	1	89	20	8	2	1	5	3	135	1.4
Fractures	6	2	-	-	60	7	23	1	6	105	8.1
Dislocations	-	-	-	-	11	2	6	-	4	23	3.2
Sprains (c)	8	7	-	1	329	19	458	7	29	858	3.2
Amputations	10	-	-	-	-	-	-	-	-	10	9.7
Concussion	1	9	-	-	13	6	5	-	2	36	1.3
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	-	-	-
Nerve injury	-	-	-	-	1	-	1	-	-	2	1.7
Other (d)	-	2	3	6	7	1	1	2	20	42	1.1
Total	140	52	104	31	719	189	776	147	154	2,312	2.5

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) Includes bruising and superficial injury. (c) Includes strains and hernias. (d) Includes 'unspecified'.

TIME LOST: ONE DAY OR MORE

No. 7 - NON-FATAL ACCIDENTS: AGE GROUP AND ACCIDENT FACTOR (a), 1968-69

Age group (years)	Machin- ery	Veh- icles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total
MALES										
Under 20	443	134	106	54	551	270	1,235	708	269	3,770
20 - 29	623	332	235	96	1,053	407	2,529	1,127	570	6,972
30 - 39	391	208	107	61	791	288	1,840	524	393	4,603
40 - 49	346	203	78	59	868	258	1,788	449	308	4,357
50 - 59	223	125	55	31	633	161	1,265	218	160	2,871
60 and over	68	48	14	18	229	49	421	87	66	1,000
Age not stated	53	35	20	10	100	39	225	61	47	590
Total	2,147	1,085	615	329	4,225	1,472	9,303	3,174	1,813	24,163
FEMALES										
Under 20	41	8	20	9	118	38	165	38	40	477
20 - 29	32	28	18	9	145	22	156	29	30	469
30 - 39	24	1	24	5	116	41	168	37	27	443
40 - 49	29	11	28	5	188	59	196	25	27	568
50 - 59	11	1	11	2	114	18	58	15	24	254
60 and over	-	1	1	-	15	5	7	-	1	30
Age not stated	3	2	2	1	23	6	26	3	5	71
Total	140	52	104	31	719	189	776	147	154	2,312

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19.

TIME LOST: ONE DAY OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost		No.	Time lost
Machinery						
Engines and prime movers	-	9	17.4	-	-	-
Pumps (including windmills)	-	6	79.6	-	-	-
Ropes, belts, pulleys, etc.	-	114	389.8	-	3	5.8
Shafting	-	6	25.6	-	-	-
Gears	-	-	(a) 1.0	-	-	-
Hoists, cranes, winches, etc.	1	136	623.2	-	2	12.0
Portable lifting appliances	1	62	115.0	-	-	-
Lifts	-	9	14.2	-	-	-
Conveyors	-	75	217.8	-	8	9.4
Abrasive, polishing, etc.	-	441	387.6	-	3	1.0
Agitators and mixers	-	22	70.4	-	2	6.0
Casting, forging, welding	-	164	208.8	-	1	0.4
Crushers, grinding mills, etc.	-	22	31.4	-	-	-
Drilling, boring, turning (metal)	-	138	209.6	-	8	18.2
" " " (other)	1	24	85.8	-	-	-
Milling machines (metal)	-	17	15.2	-	1	0.4
Planers and shapers (wood)	-	76	307.4	-	-	-
" " (other)	-	14	51.4	-	1	7.8
Packing and wrapping	-	11	25.6	-	4	3.4
Opening, picking, combing, carding	-	4	6.0	-	-	-
Presses and punches (metal)	-	48	162.6	-	3	25.0
" printing	-	14	29.0	-	-	-
" other	-	25	58.0	-	3	4.4
Rolls (printing, metal, gluing, etc.)	-	34	157.4	-	1	1.4
Saws (wood)	-	180	638.8	-	1	5.0
" (metal)	1	27	56.6	-	-	-
" (other)	-	20	48.6	-	1	1.6
Screening and separating	-	3	2.8	-	1	1.0
Sewing and stitching	-	6	25.6	-	11	6.4
Shears (metal)	-	39	95.6	-	1	8.2
" (paper)	-	5	12.0	-	1	14.2
" (other - except food and sheep shears)	-	6	14.0	-	2	3.4
Rotary cutters (except food)	-	8	30.6	-	1	2.2
Cutters, food	-	22	47.2	-	37	81.8
Spinning, weaving, knitting	-	3	6.8	-	1	0.4
Centrifuges	-	1	1.0	-	-	-
Other industrial machines (fixed)	-	204	525.6	-	34	116.6
Milking, shearing, cream separators	-	76	152.4	-	-	-
Farm implements (not tractors)	-	23	71.2	-	-	-
Other farm equipment (fixed)	-	20	65.0	-	-	-
Other machinery	-	33	83.8	-	9	13.4
Total	4	2,147	5,167.4	-	140	349.4
Vehicles						
Motor vehicles	5	544	2,244.2	-	48	59.6
Railway locomotives, trucks and cars	-	117	233.0	-	1	3.0
Mine, quarry and other vehicles on rails	-	46	152.2	-	-	-
Bicycles	-	18	42.0	-	1	4.0

(a) Reopened claim.

TIME LOST: ONE DAY OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost		No.	Time lost
<u>Vehicles (continued)</u>			weeks			
Aircraft	-	-	-	1	1	3.0
Water transport	1	10	45.2	-	-	-
Animal-drawn vehicles	-	-	-	-	-	-
Mobile machinery -						
Mobile cranes and hoists	-	35	110.4	-	-	-
Fork-lift trucks	-	79	242.2	-	-	-
Tractors	1	83	232.8	-	-	-
Bulldozers, mechanical shovels, rollers, etc.	-	123	331.6	-	-	-
Other mobile machinery	-	24	62.6	-	-	-
Other vehicles	-	6	9.8	-	1	1.4
Total	7	1,085	3,706.0	1	52	71.0
<u>Electricity, explosions, flames, hot substances</u>						
Electricity -						
Cables and flexibles, portable machines, etc.	-	14	19.4	-	2	4.6
Switch and fuse gear	-	16	28.6	-	-	-
Electric supply wiring	1	18	40.6	-	2	2.0
Other electricity	-	10	16.8	-	1	0.4
Explosions -						
Blasting (mines and quarries)	-	6	28.6	-	-	-
Boilers and pressure vessels	-	4	19.2	-	-	-
Gas (household and industrial)	-	10	24.6	-	1	2.0
Other explosions (including weapons)	-	170	275.0	-	13	29.8
Flames and hot substances or objects	-	367	752.6	-	85	138.0
Total	1	615	1,205.4	-	104	176.8
<u>Harmful substances</u>						
Solids, powders	-	67	105.8	-	4	1.8
Gas and aerosols	-	80	60.8	-	3	2.8
Liquids	-	182	228.8	-	24	19.4
Total	-	329	395.4	-	31	24.0
<u>Falling, slipping, stumbling, etc.</u>						
Falling from -						
Ladders	1	274	959.0	-	12	25.2
Poles	-	17	97.4	-	-	-
Roofs	-	47	208.0	-	-	-
Scaffolding	-	159	479.4	-	-	-
Stairs or steps	-	282	663.6	-	170	541.6
Top or tray of vehicles	-	220	712.8	-	1	1.6
Other elevation	3	405	1,240.6	-	32	52.4
Falling into excavations	1	128	297.6	-	8	11.2
Jumping or stepping down	-	357	669.2	-	3	5.0
On same level -						
Slipping	1	1,571	4,334.2	-	325	972.2
Stumbling	-	342	931.4	-	75	254.6
Other and unspecified	-	423	1,219.6	-	93	200.4
Total	6	4,225	11,812.8	-	719	2,064.2

TIME LOST: ONE DAY OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost		No.	Time lost
<u>Striking against, stepping on, etc.</u>			weeks			weeks
Stepping on sharp objects	-	313	276.4	-	17	13.2
Striking against fixed or stationary objects	-	1,159	1,845.0	-	172	375.4
Total	-	1,472	2,121.4	-	189	388.6
<u>Handling, moving or falling objects</u>						
Strain in handling	-	4,229	11,862.6	-	449	1,491.2
Over-exertion	1	75	240.4	-	6	153.8
Struck by -						
Trees, limbs, logs	1	114	358.0	-	-	(a) 1.0
Poles	-	21	42.2	-	-	-
Other timber	-	673	1,701.4	-	17	34.6
Drums and barrels	-	131	352.2	-	5	13.0
Boxes, crates, cartons	-	167	314.4	-	19	24.2
Bricks and tiles	-	111	144.6	-	9	13.4
Earth, rock, sand	2	268	537.2	-	-	-
Hand trucks, barrows, etc.	-	171	327.6	-	16	35.2
Other objects	3	2,554	5,610.8	-	144	275.4
Handling sharp objects -						
Metal	-	350	489.4	-	25	41.0
Glass	-	152	216.2	-	50	70.2
Other sharp objects	-	223	285.0	-	29	42.2
Other	-	64	84.4	-	7	4.6
Total	7	9,303	22,566.4	-	776	2,199.8
<u>Hand tools</u>						
Hand operated -						
Axes, hatchets	-	67	105.0	-	-	-
Blow torches	-	4	2.8	-	-	-
Can openers	-	1	1.2	-	-	-
Cleavers, choppers	-	21	57.8	-	-	-
Chisels	-	76	78.8	-	-	-
Crowbars, pinchbars	-	98	172.6	-	-	-
Files	-	21	29.2	-	-	(a) 4.2
Hammers, mallets	-	470	600.0	-	4	2.6
Hooks	-	95	135.4	-	-	-
Knives	-	583	915.8	-	80	122.8
Needles	-	4	4.6	-	13	11.4
Pens and pencils	-	-	-	-	-	-
Picks, pickaxes, hoes	-	28	124.4	-	-	-
Pliers, pincers, tongs	-	13	18.8	-	-	-
Saws	-	74	116.6	-	2	2.6
Scissors and shears	-	11	20.6	-	8	11.4
Screwdrivers	-	18	17.4	-	-	-
Shovels and spades	-	115	304.4	-	-	-
Spanners, wrenches	-	155	270.8	-	2	2.2
Other	-	124	172.4	-	16	31.0

(a) Reopened claim.

TIME LOST: ONE DAY OR MORE

No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT
FACTOR AND TIME LOST, 1968-69 (continued)

Accident factor	Males			Females		
	Fatal	Non-fatal		Fatal	Non-fatal	
		No.	Time lost weeks		No.	Time lost weeks
<u>Hand tools (continued)</u>						
Power operated -						
Abrasive, sanding, polishing, etc.	-	195	155.0	-	2	1.0
Chisels	-	3	2.0	-	-	-
Drills, jack-hammers, etc.	-	224	304.8	-	-	-
Knives	-	7	14.8	-	4	10.6
Riveters	-	6	24.4	-	2	3.2
Saws	-	78	149.0	-	-	-
Screwdrivers	-	3	1.6	-	-	-
Soldering irons	-	6	2.0	-	1	0.2
Explosive-powered fasteners	-	7	6.2	-	-	-
Electric welders	-	396	238.8	-	4	1.8
Oxy torches	-	209	180.8	-	-	-
Other	-	62	123.8	-	9	12.2
Total	-	3,174	4,351.8	-	147	217.2
<u>Miscellaneous</u>						
Animals and insects	1	336	870.6	-	26	77.0
Physical causes -						
Cold	-	2	0.8	-	-	-
Compressed air	-	11	5.4	-	-	-
Exposure (to rain, wind, etc.)	-	8	15.0	-	-	-
Heat (furnaces, weather, etc.)	-	8	8.6	-	-	-
Immersion	1	4	24.2	-	-	-
Radiation (not burns from)	-	5	4.0	-	-	-
Vibration	-	6	23.6	-	-	-
Other physical causes	-	58	91.6	-	19	32.2
Pressure vessels	-	35	97.2	-	4	7.2
Other -						
Doors, windows, gates, etc.	-	119	226.2	-	46	42.8
Flying particles	-	970	626.8	-	18	8.6
Other and unspecified	-	251	476.2	-	41	119.0
Total	2	1,813	2,470.2	-	154	286.8
GRAND TOTAL	27	24,163	53,796.8	1	2,312	5,777.8

TIME LOST: ONE DAY OR MORE

No. 9 - NON-FATAL ACCIDENTS: DURATION OF TIME LOST, 1968-69

Time lost	Males		Females		Persons	
	No.	Time lost weeks	No.	Time lost weeks	No.	Time lost weeks
1 day but under 1 week	11,604	5,636	1,012	502	12,616	6,138
1 week but under 2 weeks	6,458	8,176	675	853	7,133	9,029
2 weeks but under 4 weeks	3,365	8,816	355	919	3,720	9,735
4 weeks but under 6 weeks	1,078	5,087	104	483	1,182	5,570
6 weeks but under 8 weeks	576	3,844	54	368	630	4,212
8 weeks but under 13 weeks	645	6,318	58	578	703	6,896
13 weeks but under 26 weeks	310	5,301	34	582	344	5,883
26 weeks but under 52 weeks	97	3,425	14	467	111	3,892
52 weeks but under 104 weeks	25	1,788	3	182	28	1,969
104 weeks but under 156 weeks	4	531	3	398	7	929
156 weeks and more	1	177	-	-	1	177
Reopened claims (a)	-	4,697	-	446	-	5,143
Total	24,163	53,797	2,312	5,778	26,475	59,575

(a) Additional time lost which cannot be allocated to appropriate groups. The number of reopened claims reported was 3,779.